

PSF –Submersible Wastewater Pumps (High Head)–

The PSF-series is a submersible portable high head drainage pump designed for handling wastewater and liquid carrying few solid matters. It is made of resin and 304 stainless steel and excellent in corrosion-resistance. Liquid paraffin is used for the lubricating oil, which widens the application of the pump to decorative waterfalls, fishponds, aquaculture, etc.

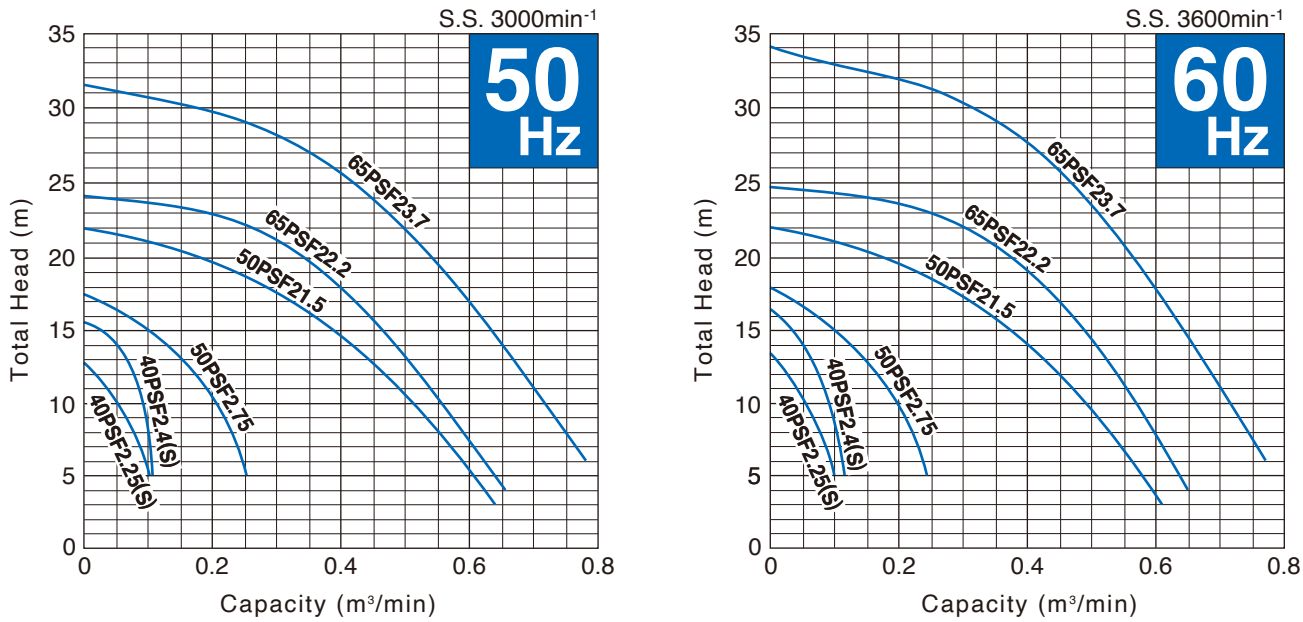


Discharge Bore mm	Model			Motor Output kW	Phase	Starting Method	Solids Passage mm	Dry Weight kg		Cable Length m
	Standard	Automatic	Auto-alternation					Standard	Auto & Auto-alternation	
40	40PSF2.25S	40PSFA2.25S	40PSFW2.25S	0.25	Single	Capacitor Run	8	7.3	7.9	5
40	40PSF2.25	40PSFA2.25	40PSFW2.25	0.25	Three	D.O.L.	8	6.2	6.9	6
40	40PSF2.4S	40PSFA2.4S	40PSFW2.4S	0.4	Single	Capacitor Run	8	7.3	7.9	5
40	40PSF2.4	40PSFA2.4	40PSFW2.4	0.4	Three	D.O.L.	8	7.1	7.8	6
50	50PSF2.75	50PSFA2.75	50PSFW2.75	0.75	Three	D.O.L.	8	8.4	9.1	6
50	50PSF21.5	50PSFA21.5	50PSFW21.5	1.5	Three	D.O.L.	13	16	16.9	6
65	65PSF22.2	65PSFA22.2	65PSFW22.2	2.2	Three	D.O.L.	13	22	23	6
65	65PSF23.7	65PSFA23.7	65PSFW23.7	3.7	Three	D.O.L.	13	27	28	6

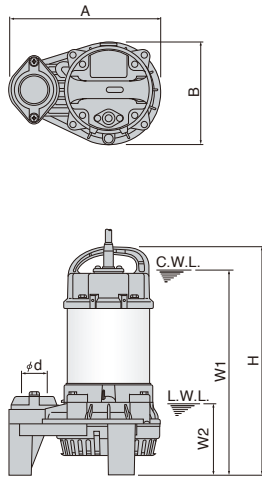
• Weights excluding cable

Performance Curves

Standard, Automatic and Auto-alternation models have the identical performance.



Dimensions



C.W.L.: Continuous Running Water Level
L.W.L.: Lowest Running Water Level

Unit: mm						
Model	d	A	B	H	W1	W2
40PSF2.25S	40	236	162	360	325	110
40PSF2.25	40	236	162	349	310	110
40PSF2.4S	40	236	162	360	325	110
40PSF2.4	40	236	162	360	325	110
50PSF2.75	50	236	162	374	335	110
50PSF21.5	50	295	196	435	390	110
65PSF22.2	65	311	212	559	500	130
65PSF23.7	65	311	212	594	535	130

Applications

- Draining treated water at small-scale wastewater treatment facility
- Pumping rainwater and springwater from basement
- Supplying treated water for defoaming at small-scale wastewater treatment facility
- Circulating water in waterscape garden (e.g. waterfall, fountain, koi pond, etc.)

Guide Rail Fitting

TOK Application Table

Model	Applicable Motor Output
TOK4-P	0.25 to 0.75 kW
TOK2-65	1.5 kW
TOK2-65T	2.2 to 3.7 kW

Accessories

- Duckfoot Bend
- Guide Hook
- Guide Support with Bolts & Nuts
- Lifting Chain with Shackles (4m for TOK4-P, 5m for TOK2-65 / 65T)

